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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/642,291	08/18/2003	Shoichiro Yasunami	Q77024	2020
65565 SUGHRUE-26	7590 07/25/200 5550	7	EXAMINER	
2100 PENNSYLVANIA AVE. NW			CHU, JOHN S Y	
WASHINGTO	N, DC 20037-3213		ART UNIT PAPER NUMBER	
			1752	
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			MAIL DATE	DELIVERY MODE
	·	•	07/25/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

	Application No.	Applicant(s)	
	10/642,291	YASUNAMI ET AL.	• .
Office Action Summary	Examiner	Art Unit	
· .	John S. Chu	1752	
The MAILING DATE of this communication Period for Reply	appears on the cover sheet w	vith the correspondence add	iress
A SHORTENED STATUTORY PERIOD FOR RE WHICHEVER IS LONGER, FROM THE MAILING - Extensions of time may be available under the provisions of 37 CFF after SIX (6) MONTHS from the mailing date of this communication. - If NO period for reply is specified above, the maximum statutory per - Failure to reply within the set or extended period for reply will, by state Any reply received by the Office later than three months after the meanned patent term adjustment. See 37 CFR 1.704(b).	B DATE OF THIS COMMUN R 1.136(a). In no event, however, may a riod will apply and will expire SIX (6) MO atute, cause the application to become A	ICATION. reply be timely filed NTHS from the mailing date of this cor BANDONED (35 U.S.C. § 133)	
Status		. •	
1) Responsive to communication(s) filed on 04 2a) This action is FINAL . 2b) 7 3) Since this application is in condition for allocation of accordance with the practice under the condition of the condition o	his action is non-final. wance except for formal ma	· ·	merits is
Disposition of Claims			,
4)	drawn from consideration. d/or election requirement. hiner. accepted or b) objected to the drawing(s) be held in abeya rection is required if the drawing	nce. See 37 CFR 1.85(a). g(s) is objected to. See 37 CF	
Priority under 35 U.S.C. § 119	·	•	
12) Acknowledgment is made of a claim for fore a) All b) Some * c) None of: 1. Certified copies of the priority docume 2. Certified copies of the priority docume 3. Copies of the certified copies of the papplication from the International Bur * See the attached detailed Office action for a	ents have been received. ents have been received in a priority documents have been eau (PCT Rule 17.2(a)).	Application No received in this National S	Stage
Attachment(s) 1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date	Paper No	Summary (PTO-413) (s)/Mail Date Informal Patent Application 	

Application/Control Number: 10/642,291

Art Unit: 1752

DETAILED ACTION

This Office action is in response to the amendment filed April 4, 2007.

1. The rejection under 35 U.S.C. 103(a) as being unpatentable over TAO (6,977,131 B2) in view of SHULTZ et al (6,306,555 B1) is **withdrawn** in view of the amendment to claim 1 now inserting the language that the crosslinking agent has a molecular weight of 2,000 or below.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

- (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.
- 3. Claims 1, 2, and 4-20 are rejected under 35 U.S.C. 102(e) as being clearly anticipated by KAI et al (2003/0022095 A1).

The claimed invention is drawn to the following:

1. (currently amended): A negative resist composition comprising:

- (A) an alkali-soluble resin;
- (B-1) a cross-linking agent capable of cross-linking with the alkali-soluble resin (A) by the action of an acid, in which the cross-linking agent is not a resin and is a phenol compound having a molecular weight of 2,000 or below and containing: at least one phenolic hydroxyl group; one or more benzene rings in the molecule; and at least two cross-linking groups bonded to any of the benzene rings, the cross-linking group being a group selected from the group consisting of a hydroxymethyl group, an alkoxymethyl group and an acyloxymethyl group;
- (B-2) a cross-linking agent capable of cross-linking with the alkali-soluble resin (A) by the action of an acid, in which the cross-linking agent contains at least two groups selected from the group consisting of the groups represented by the following formulae (1) and (2);
- (C) a compound capable of generating an acid upon irradiation with an actinic ray or radiation; and
 - (D) a nitrogen-containing basic compound:

wherein R₃ represents a hydrogen atom, an alkyl group, or an alkylcarbonyl group; and R₄ and R₅ each represents a hydrogen atom, an alkyl group or an alkylcarbonyl group.

KAI et al discloses and anticipates the recited claim in Example 6 of Table 1 on page 14. The composition comprises the presence of two crosslinking agents as seen on page 13, paragraphs [0188] - [0190], wherein the two crosslinking agents are compounds and meet the now recited molecular weight limitation for crosslinking agent (B-1) wherein either of the compounds C-1 or C-2 meets B-1 and the other would meet claimed crosslinking agent B-2.

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The applicants are also directed to the acid dispersion control agent in Example 6, which is a defined to be a dimethyl n-dodecylamine, which meets and anticipates the claimed nitrogen-containing basic compound.

All claims are anticipated and no claims are allowed.

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Examiner Chu whose telephone number is (571) 272-1329. The examiner can normally be reached on Monday - Friday from 9:30 am to 6:00 pm.

If attempts to reach the Examiner by telephone are unsuccessful, the Examiner's supervisor, Cynthia Kelly, can be reached on (571) 272-1526

The fax phone number for the USPTO is (571) 273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PMR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/John S. Chu/ Primary Examiner, Group 1700

J.Chu July 20, 2007